

MULTIPLE THREAD GANGED INDIVIDUAL IDLER ASSEMBLIES

Where multiple threads are clustered at the exit point of an unwind system and guided to the placement in the product, AccraTec provides a unique multiple thread idler assembly. The assembly consists of a series of independent, single thread, white Delrin idlers ganged on a single shaft to accommodate the number of threads being guided. This assembly provides an individual free turning thread idler for each thread, enhancing thread performance. The idlers simplify operator thread up, and increase the overall efficiency of feeding elongated threads to the product.

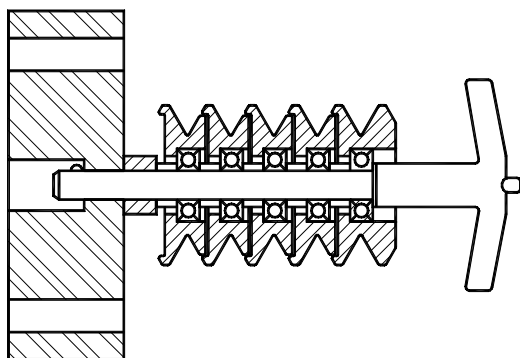
Standard assemblies of individual grooved idlers consisting of a bearing, a spacer between the bearings, and set collar(s) to secure the assembly. There is an overlap segment on each idler that prevents the thread from becoming trapped between the individual idlers, and the bearing spacer prevents interference between idlers and maintains individual idler alignment and spacing.

Standard assemblies provide a thread spacing of 0.38 inches and may be configured on a 0.25-inch diameter shoulder bolt for direct tapped hole (#10-24UNC) mounting. Another common method is to mount the idler assemblies on a 0.25 -inch diameter shaft with the idler assembly being secured in position by a set collar at each end. Additionally, they can mount on a 0.25-inch diameter quick release T-Handle pin. The quick release pins are provided with a mounting block.

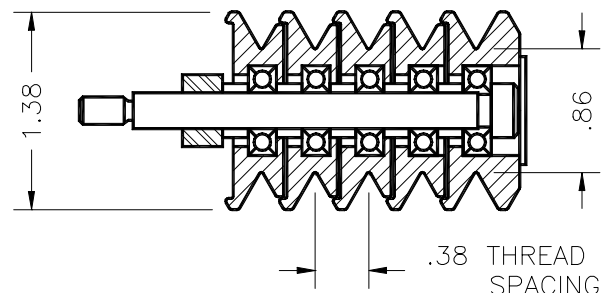
Optional assemblies are available and may include:

- Black Delrin idlers for thread visibility.
- Aluminum idlers, hard coated or with other specified coating.
- Alternative thread spacing, minimum 0.25 inch
- Special design idler assembly mounting and alignment fixtures
- Metric dimensioned thread spacing and assembly components.

Where final thread application spacing requirements are less than the minimum 0.25 inch, AccraTec can provide solid multiple thread idlers having a bearing at each end and mounting fixtures as required.



T-Handle with Mount Block (provided)



Shoulder Bolt Mount

AccraTec will provide a quotation for standard or alternative idler assemblies upon request.

Email request to Daniel J. Heaney at dan@accratec.com
Or contact via the information below